

Db 27 CAGCAGCAGCAGCATGTACC 4

RESULT 4

AAA04264/C
ID AAA04264 standard; DNA: 29 BP.

XX AC AAA04264;

XX DT 22-MAY-2000 (first entry)

XX DE Polymorphic fragment of hypertension associated gene GGR.

XX KW Polymorphism; hypertension; agammaglobulinemia; diabetes insipidus;
XX KW Lesch-Nyhan syndrome; muscular dystrophy; Wiskott-Aldrich syndrome;
XX KW Fabry's disease; familial hypercholesterolemia; hereditary spherocytosis;
XX KW polycystic kidney disease; von Willebrand's disease; foransic; human;
XX KW tubercous sclerosis; hereditary hemorrhagica telangiectasia;
XX KW familial colonic polyposis; osteogenesis imperfecta; porphyria;
XX KW Ehlers-Danlos syndrome; ss.

XX OS Homo sapiens.

XX FN EP955382-A2.

XX PD 10-NOV-1999.

XX PF 07-MAY-1999; 99EP-0250150.

XX PR 07-MAY-1998; 98US-0084641.

XX PR 03-MAY-1999; 99US-0304232.

XX PA (AFVY-) AFFYMETRIX INC.

XX PA (UYCA-) UNIV CASE WESTERN RESERVE.

XX PI Fan JB, Chakravarti A, Haluska MK;

XX DR WPI: 2000-107928/10.

XX PT Novel nucleic acids containing polymorphisms used in the diagnosis of

XX PS hypertension -

XX PS Claim 1; Page 31; 53pp; English.

XX CC The invention provides polymorphic fragments of genes associated with
XX CC hypertension. The nucleic acids including the polymorphic sites can be
XX CC used as probes or primers for expressing variant proteins. Detection of
XX CC the polymorphisms is useful in designing prophylactic and therapeutic
XX CC regimens customized to underlying abnormalities. The polymorphisms can be
XX CC used for association studies for hypertension, and in hypertension
XX CC diagnostic assays. Where the polymorphisms have strong correlation with
XX CC hypertension, within a gene, they are likely to have a causative role in
XX CC hypertension. This information can be used to find the precise role of a
XX CC polymorphism in the disease, and this can be used to identify potential
XX CC drugs which combat the disease. The polymorphisms can be tested for
XX CC association with other diseases e.g. agammaglobulinemia, diabetes
XX CC insipidus, Lesch-Nyhan syndrome, muscular dystrophy, Wiskott-Aldrich
XX CC syndrome, Fabry's disease, familial hypercholesterolemia, polycystic
XX CC kidney disease, hereditary spherocytosis, von Willebrand's disease,
XX CC tubercous sclerosis, hereditary hemorrhagica telangiectasia, familial
XX CC colonic polyposis, Ehlers-Danlos syndrome, osteogenesis imperfecta, and
XX CC acute intermittent porphyria. The polymorphic forms can also be used in
XX CC forensics to identify individuals.

XX SO Sequence 29 BP; 1 A; 10 C; 8 G; 9 T; 1 other;

Query Match 66.4%; Score 16.6; DB 21; Length 29;

Best Local Similarity 94.1%; Pred. No. 5e+02; Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 cagtagcagcaacagca 18

|||||

Db 18 CAGYAGCAGCACACAGA 2

RESULT 5

AAV68375/C
ID AAV68375 standard; DNA: 48 BP.

XX AC AAV68375;

XX DT 10-MAR-1999 (first entry)

XX DE Clone #1 fragment identified by CAG repeat analysis method.

XX KW CAG repeat; human; genome analysis; medical diagnostic;
XX KW nucleic acid analysis; variation assessment; neurological disease;
XX KW Huntington's chorea; PCR suppression; ss.

XX OS Homo sapiens.

XX FN WO9849345-A1.

XX PD 05-NOV-1998.

XX PF 29-APR-1998; 98WO-US08616.

XX PR 29-APR-1997; 97US-0045078.

XX PA (UYBO-) UNIV BOSTON.

XX PI Smith CL;

XX DR WPI: 1998-594983/50.

XX PT Analysing nucleic acid samples - using amplification primers which
XX PT contain CAG or CTG trinucleotide repeats for differential display
XX PT of samples from different sources

XX PS Example; Page 32; 44pp; English.

XX CC This sequence represents a fragment of a human CAG repeat containing
XX CC clone DNA sequence isolated using the method of the invention. The method
XX CC is for analysing nucleic acids in a sample, and comprises: (a) providing
XX CC a sample containing nucleic acid, a first oligonucleotide primer
XX CC comprising a CTG repeat, a second oligonucleotide primer comprising a
XX CC CAG repeat and a polymerase and PCR reagents; (b) preparing the nucleic
XX CC acid so that it is amplifiable; (c) amplifying the nucleic acid with the
XX CC first and second primers; and (d) detecting the amplified product. The
XX CC method is used to distinguish between the expression of genes in two or
XX CC more biological samples, e.g. body fluids, cells, solid tissue or solid
XX CC and liquid foods. It can be used in medical diagnostics, e.g. to
XX CC differentiate between normal and diseased tissue or to assess the
XX CC variation within monozygotic twin pairs. The method allows the isolation
XX CC and analysis of genome subsets containing CAG repeats which are known to
XX CC be important in a number of neurological diseases including Huntington's
XX CC chorea. The method uses PCR suppression, in which only fragments which
XX CC contain a target repeat are efficiently amplified. This allows accurate
XX CC identification of differentially expressed genes in various cell types.
XX CC Genome complexity is reduced by the new method which targets genomic
XX CC subsets containing CAG repeats.

XX SO Sequence 48 BP; 10 A; 13 C; 12 G; 13 T; 0 other;

Query Match 66.4%; Score 16.6; DB 19; Length 48;

Best Local Similarity 82.6%; Pred. No. 5.3e+02; Matches 19; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1 acagtagcagcaacagcataga 23

Db 24 ACAGCAGCAGCAGCAGCAGCA 2

RESULT 6



AA78910
ID AA78910 standard; cDNA: 36 BP.
XX
XX AA78910;
XX
XX
DT 09-FEB-1998 (first entry)
XX
DE Poly-glutamine repeat region coding sequence from clone DAN26.
XX
XX Monoclonal antibody; neurodegenerative disease; polyglutamine; TBP;
KW repeat region; affinity; TATA binding protein; Kennedy disease;
KW transcription initiation factor; lymphoblastic cell line; schizophrenia;
KW Huntington's disease; dominant autosomal spinocerebellar ataxia;
KW X-linked spino-bulbar muscular atrophy; familial spastic paraplegia;
KW dentatorubral-pallidolusial atrophy; bipolar affective disorder;
KW manic depressive psychosis; ss.
XX
XX Homo sapiens.
OS
XX WO9717445-A1.
PN
XX 15-MAY-1997.
PD
XX 08-NOV-1996; 96WO-FR01773.
PF
XX 10-NOV-1995; 95FR-0013576.
PR
XX (CNRS) CNRS CENT NAT RECH SCI.
PA (INRM) INSERM INST NAT SANTE & RECH MEDICALE.
XX
XX Lutz Y, Mandel J, Tora L, Trotter Y;
PI
XX WPI: 1997-281034/25.
DR
XX
XX Antibody IC2 used for treating or preventing neuro-degenerative
PT diseases - associated with proteins containing long poly:glutamine
PT repeats, e.g. Huntington's disease
XX
XX
PS Claim 21; Page 44; 69pp; French.
XX
XX The invention relates to a monoclonal antibody (Mab) IC2 for the
CC treatment of neurodegenerative diseases associated with the presence
CC of polyglutamine repeat regions. This Mab is already known for its
CC affinity to the TATA binding protein (TBP) transcription initiation
CC factor, especially at the amino acid sequence LEQQRQ0000Q found at
CC the N-terminus of TBP. Mab IC2 has been shown to have a high affinity
CC for polyglutamine repeats with a proportional affinity to the number
CC of glutamine repeats. This affinity has been used to identify genes
CC encoding proteins containing long polyglutamine repeats which are
CC implicated in neurodegenerative diseases. A screen of an expression
CC library, generated from a lymphoblastic cell line from a patient
CC suffering from spinocerebellar ataxia (SCA), with Mab IC2 isolated 6 new
CC sequences (AA78906-T78911) encoding polyglutamine repeats. This
CC sequence is derived from clone DAN26 isolated from a patient suffering
CC from dominant autosomal SCA type 7. Mab IC2, active fragment of it or
CC nucleic acids encoding it are specifically used to treat Huntington's
CC disease, SCA types 1-5 or 7, X-linked spino-bulbar muscular atrophy
CC (Kennedy disease), dentatorubral-pallidolusial atrophy, dominant
CC autosomal spinocerebellar ataxia, familial spastic paraplegia, bipolar
CC affective disorder, manic depressive psychoses and schizophrenia.
XX
XX
SQ Sequence 36 BP; 13 A; 12 C; 11 G; 0 U; 0 other;

Query Match 64.8%; Score 16.2; DB 18; Length 36;
Best Local Similarity 85.7%; Pred. No. 7.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 cagtagcagcagcagcatgag 22
||| ||||| ||||| |||
DB 10 cagcagcagcagcagcagcag 30

RESULT 7
AA78909
ID AA78909 standard; cDNA: 54 BP.
XX
XX AA78909;
XX
XX
DT 09-FEB-1998 (first entry)
XX
DE Poly-glutamine repeat region coding sequence from clone DAN15.
XX
XX Monoclonal antibody; neurodegenerative disease; polyglutamine; TBP;
KW repeat region; affinity; TATA binding protein; Kennedy disease;
KW transcription initiation factor; lymphoblastic cell line; schizophrenia;
KW Huntington's disease; dominant autosomal spinocerebellar ataxia;
KW X-linked spino-bulbar muscular atrophy; familial spastic paraplegia;
KW dentatorubral-pallidolusial atrophy; bipolar affective disorder;
KW manic depressive psychosis; ss.
XX
XX Homo sapiens.
OS
XX WO9717445-A1.
PN
XX 15-MAY-1997.
PD
XX 08-NOV-1996; 96WO-FR01773.
PF
XX 10-NOV-1995; 95FR-0013576.
PR
XX (CNRS) CNRS CENT NAT RECH SCI.
PA (INRM) INSERM INST NAT SANTE & RECH MEDICALE.
XX
XX Lutz Y, Mandel J, Tora L, Trotter Y;
PI
XX WPI: 1997-281034/25.
DR
XX
XX Antibody IC2 used for treating or preventing neuro-degenerative
PT diseases - associated with proteins containing long poly:glutamine
PT repeats, e.g. Huntington's disease
XX
XX
PS Claim 21; Page 44; 69pp; French.
XX
XX The invention relates to a monoclonal antibody (Mab) IC2 for the
CC treatment of neurodegenerative diseases associated with the presence
CC of polyglutamine repeat regions. This Mab is already known for its
CC affinity to the TATA binding protein (TBP) transcription initiation
CC factor, especially at the amino acid sequence LEQQRQ0000Q found at
CC the N-terminus of TBP. Mab IC2 has been shown to have a high affinity
CC for polyglutamine repeats with a proportional affinity to the number
CC of glutamine repeats. This affinity has been used to identify genes
CC encoding proteins containing long polyglutamine repeats which are
CC implicated in neurodegenerative diseases. A screen of an expression
CC library, generated from a lymphoblastic cell line from a patient
CC suffering from spinocerebellar ataxia (SCA), with Mab IC2 isolated 6 new
CC sequences (AA78906-T78911) encoding polyglutamine repeats. This
CC sequence is derived from clone DAN15 isolated from a patient suffering
CC from dominant autosomal SCA type 7. Mab IC2, active fragment of it or
CC nucleic acids encoding it are specifically used to treat Huntington's
CC disease, SCA types 1-5 or 7, X-linked spino-bulbar muscular atrophy
CC (Kennedy disease), dentatorubral-pallidolusial atrophy, dominant
CC autosomal spinocerebellar ataxia, familial spastic paraplegia, bipolar
CC affective disorder, manic depressive psychoses and schizophrenia.
XX
XX
SQ Sequence 54 BP; 21 A; 18 C; 15 G; 0 U; 0 other;

Query Match 64.8%; Score 16.2; DB 18; Length 54;
Best Local Similarity 85.7%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 cagtagcagcagcagcatgag 22
||| ||||| ||||| |||
DB 13 cagcagcagcagcagcagcag 33

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RESULT 8
AAV17235 ID AAV17235 standard; DNA: 57 BP.
XX
XX
AC AAV17235;
XX
DT 29-JUN-1998 (first entry)
XX
DE SCA2 gene CAG repeat unit fragment.
XX
KW SCA2 gene; spinocerebellar ataxis type II; CAG repeat; PCR primer; ss.
XX
OS Synthetic.
XX
PN WO9803679-A1.
XX
PD 29-JAN-1998.
XX
PF 18-JUL-1996; 96WO-JP01999.
XX
PR 18-JUL-1996; 96WO-JP01999.
XX
PA (SRLS-) SRL INC.
XX
PI Saepel K, Tsuji S;
XX
DR WPI: 1998-120796/11.
XX
PT Diagnosing spinocerebellar ataxis type II - by PCR and determining
XX number of CAG repeat units
XX
PS Disclosure: Page 14; 23pp; Japanese.
XX
CC This sequence represents a fragment of the SCA2 gene. It can be used in
CC the method of the invention for diagnosing spinocerebellar ataxis type
CC II, by performing PCR on the test DNA using two primers hybridizing to
CC parts of the SCA2 gene sequence, and determining the number of CAG
CC repeats in the amplified products. The method provides an easy means for
CC the diagnosis of spinocerebellar ataxis type II.
XX
SQ Sequence 57 BP; 16 A; 23 C; 18 G; 0 U; 0 other;

Query Match 64.8%; Score 16.2; DB 19; Length 57;
Best Local Similarity 85.7%; Pred. No. 7.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 cagtagcagcagcagcatgag 22
   ||| ||||| ||||| ||
DB 10 cagcagcagcagcagcagcag 30

RESULT 9
AAH24422/C ID AAH24422 standard; DNA: 45 BP.
XX
XX
AC AAH24422;
XX
DT 02-AUG-2001 (first entry)
XX
DE Oligonucleotide encoding eukaryotic consensus signal peptide #1.
XX
KW Eukaryotic; consensus; signal peptide; chorella; gene expression;
XX protein production; human growth hormone; ds.
XX
OS Unidentified.
XX
PN JP2000354490-A.
XX
PD 26-DEC-2000.
XX
PF 15-JUN-1999; 99JP-0168271.

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XX
XX 15-JUN-1999; 99JP-0168271.
XX
XX (TOYT ) TOYOTA JIDOSHA KK.
XX
XX WPI: 2001-275809/29.
XX
XX P-PSDB: AAB97091.
XX
PT New signal peptides useful for the preparation of human growth hormone
XX and transformed chorella
XX
PS Example 1; Page 4; 15pp; Japanese.
XX
XX The present sequence is provided in a specification relating to signal
XX peptides for expression and secretion of a protein in chorella. The
XX peptides are of the formula:
XX Met-Ala-Asn-Lys-X1-(Leu)n-X2-Ala-Ser-Gly.
XX X1 = Ser or Leu;
XX n = an integer of 5-15;
XX X2 = Gly-Ser-Leu or Pro-Leu-Ala.
XX The signal peptides are useful in the preparation of human growth
XX hormone and transformed chorella. Signal peptides, DNA encoding the
XX peptides, gene expression cassettes, recombinant vectors containing the
XX cassettes, and transformants having the vectors are provided. The
XX present sequence encodes a signal peptide of the invention.

SQ Sequence 45 BP; 1 A; 18 C; 15 G; 11 T; 0 other;

Query Match 64.0%; Score 16; DB 22; Length 45;
Best Local Similarity 79.2%; Pred. No. 9.1e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 2 cagtagcagcagcagcatgagc 25
   ||| ||||| ||||| |||
DB 27 CAGCAGCAGCAGCAGCAGCAGC 4

RESULT 10
AAH24423/C ID AAH24423 standard; DNA: 54 BP.
XX
XX
AC AAH24423;
XX
DT 02-AUG-2001 (first entry)
XX
DE Oligonucleotide encoding eukaryotic consensus signal peptide #2.
XX
KW Eukaryotic; consensus; signal peptide; chorella; gene expression;
XX protein production; human growth hormone; ds.
XX
OS Unidentified.
XX
PN JP2000354490-A.
XX
PD 26-DEC-2000.
XX
PF 15-JUN-1999; 99JP-0168271.
XX
PR 15-JUN-1999; 99JP-0168271.
XX
PA (TOYT ) TOYOTA JIDOSHA KK.
XX
XX WPI: 2001-275809/29.
XX
XX P-PSDB: AAB97092.
XX
PT New signal peptides useful for the preparation of human growth hormone
XX and transformed chorella
XX
PS Example 1; Page 4; 15pp; Japanese.
XX
XX The present sequence is provided in a specification relating to signal
XX peptides for expression and secretion of a protein in chorella. The

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CC peptides are of the formula:
CC Met-Ala-Asn-Lys-X₁-(Leu)_n-X₂-Ala-Ser-Gly.
CC X₁ = Ser or Leu;
CC n = an integer of 5-15;
CC X₂ = Gly-Ser-Leu or Pro-Leu-Ala.
CC The signal peptides are useful in the preparation of human growth
CC hormone and transformed chlorella. Signal peptides, DNA encoding the
CC peptides, gene expression cassettes, recombinant vectors containing the
CC cassettes, and transformants having the vectors are provided. The
CC present sequence encodes a signal peptide of the invention.
XX
SQ Sequence 54 BP; 1 A; 21 C; 18 G; 14 T; 0 other;

Query Match 64.0%; Score 16; DB 22; Length 54;
Best Local Similarity 79.2%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2 cagtagcagcaacagcatgagac 25
||| ||||| ||||| ||| |
Db 27 CACGACGACGACGACGACGAC 4

RESULT 11
AAA66287
ID AAA66287 standard; DNA: 20 BP.
XX
AC AAA66287;
XX
DT 09-OCT-2000 (first entry)
XX
DE Dog genomic marker oligonucleotide sequence SEQ ID NO:149.
XX
KW Dog; genome; genomic marker; radiation hybrid map; identification;
KW chromosome location; gene marker; polymorphic microsatellite marker;
KW phenotype; behaviour; pedigree; ss.
XX
OS Canis familiaris.
XX
PN WO200029615-A2.
XX
PD 25-MAY-2000.
XX
PF 15-NOV-1999; 99WO-IB01907.
XX
PR 13-NOV-1998; 98US-0108193.
XX
PA (CNRS) CNRS CENT NAT RECH SCI.
XX
PI Galibert F, Andre C;
XX
DR WPI: 2000-387821/33.
XX
PT New radiation hybrid map of the dog, Canine familiaris, genome, useful
PT for e.g. identifying genes implicated in phenotypic and behavioral
XX traits or in genetic diseases and for studying dog pedigrees -
XX
PS Claim 1: Page 59; 87pp; English.
XX
CC The present invention describes a radiation hybrid map of the dog
CC (Canine familiaris) genome comprising the genome location of a marker
CC selected from AAA66139 to AAA66942. The radiation hybrid map is useful
CC for identifying and localising dog genes, since it covers approximately
CC 80 % of the dog genome and provides a dense map integrating different
CC types (i.e. Type I and Type II) of markers. The map and the dog genome
CC markers (or complementary sequences) are especially useful to identify
CC genes responsible for phenotypic and behavioural traits in dogs, to
CC identify morbid genes, to analyse diseases and identify implicated genes
CC in such diseases and their alleles, and to study dog pedigrees. They
CC may also be useful for isolating corresponding human gene sequences
CC e.g. genes involved in genetic diseases.
XX
SQ Sequence 20 BP; 7 A; 6 G; 7 G; 0 U; 0 other;

Query Match 63.2%; Score 15.8; DB 21; Length 20;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 agcagcacagcatgagac 24
||||| ||||| |||||
Db 2 agcagcacagcagcagcagac 20

RESULT 12
AAA04482/C
ID AAA04482 standard; DNA: 29 BP.
XX
AC AAA04482;
XX
DT 22-MAY-2000 (first entry)
XX
DE Polymorphic fragment of hypertension associated gene PGIS.
XX
DE Polymorphism; hypertension; agammaglobulinemia; diabetes insipidus;
KW Lesch-Nyhan syndrome; muscular dystrophy; Wiskott-Aldrich syndrome;
KW Fabry's disease; familial hypercholesterolemia; hereditary spherocytosis;
KW polycystic kidney disease; von Willebrand's disease; forensic; human;
KW tuberosus sclerosis; hereditary hemorrhagica telangiectasia;
KW familial colonic polyposis; osteogenesis imperfecta; porphyria;
KW Ehlers-Danlos syndrome; ss.
XX
OS Homo sapiens.
XX
PN EP955382-A2.
XX
PD 10-NOV-1999.
XX
PF 07-MAY-1999; 99EP-0250150.
XX
PR 07-MAY-1998; 98US-0084641.
XX
PR 03-MAY-1999; 99US-0304232.
XX
PA (AFY-) AFFYMETRIX INC.
XX
PA (UYCA-) UNIV CASE WESTERN RESERVE.
XX
PI Fan JB, Chakravarti A, Haluska MK;
XX
DR WPI: 2000-107928/10.
XX
PT Novel nucleic acids containing polymorphisms used in the diagnosis of
PT hypertension -
XX
PS Claim 1: Page 38; 53pp; English.
XX
CC The invention provides polymorphic fragments of genes associated with
CC hypertension. The nucleic acids including the polymorphic sites can be
CC used as probes or primers for expressing variant proteins. Detection of
CC the polymorphisms is useful in designing prophylactic and therapeutic
CC regimes customized to underlying abnormalities. The polymorphisms can be
CC used for association studies for hypertension, and in hypertension can be
CC diagnostic assays. Where the polymorphisms have strong correlation with
CC hypertension, within a gene, they are likely to have a causative role in
CC hypertension. This information can be used to find the precise role of a
CC polymorphism in the disease, and this can be used to identify potential
CC drugs which combat the disease. The polymorphisms can be tested for
CC association with other diseases e.g. agammaglobulinemia, diabetes
CC insipidus, Lesch-Nyhan syndrome, muscular dystrophy, Wiskott-Aldrich
CC syndrome, Fabry's disease, familial hypercholesterolemia, polycystic
CC kidney disease, hereditary spherocytosis, von Willebrand's disease,
CC tuberosus sclerosis, hereditary hemorrhagica telangiectasia, familial
CC colonic polyposis, Ehlers-Danlos syndrome, osteogenesis imperfecta, and
CC acute intermittent porphyria. The polymorphic forms can also be used in
CC forensics to identify individuals.
XX
SQ Sequence 29 BP; 3 A; 9 G; 8 G; 8 T; 1 other;


```

XX 23-NOV-2000.
PD
XX
XX 18-MAY-2000: 2000WO-JP03195.
PF
XX 18-MAY-1999: 99JP-0200739.
PR
XX
XX (DNAV-) DNAVEC RES INC.
PA
XX
XX Li H, Shu T, Kuma H, Ueda Y, Asakawa M, Hasegawa M, Iida A,
PI Tokitou F, Hirata T, Tokusumi T;
XX
XX WPI: 2001-007501/01.
DR
XX
XX Paramyxovirus vector deficient in an envelope gene for high efficiency
PT transfer of a foreign gene to human cells for gene therapy
XX
XX
XX Example 15: Page 70: 177P; Japanese.
PS
XX
XX The invention relates to a Sendai virus (Paramyxovirus) vector
CC comprising a ribonucleoprotein complex consisting of negative-strand
CC single-stranded RNA selected for lack of ability to express one or
CC more envelope proteins (particularly the F protein), and a protein
CC complexed with the RNA. The invention also relates to DNA corresponding
CC to the viral RNA or its complementary chain; and a method for the
CC production of virion particles of the vector, comprising the culture of
CC helper cells which express the protein with which the viral RNA is to be
CC complexed and which have been transformed with cDNA corresponding to the
CC gene(s) which has been deleted from the viral vector genome. The method
CC of the invention provides for Paramyxovirus vectors for use in gene
CC therapy for the prevention and treatment of diseases such as cancer and
CC infectious diseases such as influenza, AIDS and Japanese encephalitis.
CC The vector of the invention allows high efficiency gene delivery. The
CC present sequence represents a PCR primer used in an exemplification of
CC the invention.
XX
SQ Sequence 40 BP: 1 A; 14 C; 16 G; 9 T; 0 other;

```

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Query Match 63.2%; Score 15.8; DB 22; Length 40;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2 cagtacgacgacaacgcatg 20
   ||| ||||| |||||
DB 28 CAGCAGCAGCAGCAGCATG 10

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Search completed: March 9, 2002, 01:06:56
Job time: 11942 sec